

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/522973	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 13:24
S3	3	(media adj area adj network\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 13:35
S2	2	(media adj area adj network\$3) and (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 13:36
S4	24	(storage adj area adj network\$3) and (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 13:37
S6	11	((("5790775") or ("5928367") or ("6006342") or ("6061750") or ("6128750") or ("6148414") or ("6247142") or ("6449731") or ("6578158") or ("6625747") or ("6643795")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 13:51
S8	1	(gabriel and chu).xa. and (active adj termination)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 15:37
S7	6	(driver\$1) with (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1))) and (@ad<="20020802" @pd<="20020802" @riad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 15:37
S10	25	("5237658"   "5274645"   "5367669"   "5553230"   "5757642"   "5790775"   "5812754"   "5922077"   "6129027"   "6219753"   "6330687").PN. OR ("6578158"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/10 16:22

## EAST Search History

S11	65	("4339804"   "4958273"   "5155835"   "5155845"   "5193154"   "5195100"   "5204952"   "5212784"   "5237658"   "5255367"   "5274645"   "5278838"   "5287462"   "5289418"   "5297258"   "5361347"   "5418921"   "5437022"   "5459857"   "5495570"   "5546539"   "5574863"   "5682471"   "5699510").PN. OR ("5928367").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/10 16:36
S12	24	("4381543"   "5016244"   "5511227"   "5548783"   "5666538"   "5729767"   "5931958"   "5961613"   "5987621"   "5989060"   "5996086"   "6006259"   "6070251"   "6108684"   "6148414"   "6343324"   "6460113").PN. OR ("6625747"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/10 16:41
S13	6	((("20030140191") or ("6954881") or ("6925528") or ("6877044") or ("6779064") or ("6625747"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:44
S15	10	((("5155845") or ("5216619") or ("5544347") or ("5633999") or ("5668943") or ("6101508") or ("6389432") or ("6400730") or ("6535518") or ("6564336"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:45
S14	5	((("5790775") or ("6128750") or ("6449731") or ("6519671") or ("6563595"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:45
S18	1	("5909427").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:46
S17	8	((("5473599") or ("5790775") or ("5922077") or ("5928367") or ("5975738") or ("6473396") or ("6513554") or ("6571355"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:46
S16	7	((("6073209") or ("6128750") or ("6397356") or ("6421711") or ("6643795") or ("6654769") or ("6658478"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:46

## EAST Search History

S19	7	((("4095094") or ("4885683") or ("5185745") or ("5504882") or ("6473868") or ("6578158") or ("6636933")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 16:47
S9	52	(storage adj area adj network\$3) and (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1) bypass\$3 by-pass\$3)) and (@ad<="20020802" @pd<="20020802" @riad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:07
S26	719	(370/228).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:10
S25	391	(370/225).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:10
S24	756	(714/43).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:10
S23	676	(714/42).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:10
S22	925	(714/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:10

## EAST Search History

S27	44	("20010011304"   "20010052016"   "20020073354"   "20020120660"   "20020152310"   "20020152322"   "20020188711"   "20030191810"   "20040133634"   "5113519"   "5163131"   "5355453"   "5432907"   "5485579"   "5513314"   "5592611"   "5802366"   "5819292"   "5835720"   "5931918"   "5941972"   "5948110"   "5950225"   "5963962"   "6006259"   "6038570"   "6065037"   "6108300"   "6138126"   "6167446"   "6243825"   "6247057"   "6289356"   "6425035"   "6434627"   "6453426"   "6457130"   "6609213"   "6625750"   "6665304"   "6732186").PN. OR ("2003/0018927"   "6944785"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/10 17:36
S28	2	( (realtime real-time (real adj time)) same (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1))) )and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:40
S29	8	( (realtime real-time (real adj time)) same (port\$1 with (fail-over\$1 failover\$1 (fail\$3 adj over\$1))) )and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:49
S32	1072	(driver-level (driver adj level))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:52
S31	5	10/120266	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:52

## EAST Search History

S33	33	(driver-level (driver adj level)) near (diagnos\$4 analy\$7 monitor\$3 determin\$6 detect\$3 test\$3 evaluat\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 17:54
S34	74	(driver-level (driver adj level)) near3 (diagnos\$4 analy\$7 monitor\$3 determin\$6 detect\$3 test\$3 evaluat\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:03
S35	19	( (driver-level (driver adj level)) near3 (diagnos\$4 analy\$7 monitor\$3 determin\$6 detect\$3 test\$3 evaluat\$5 ) ) same (storage network\$3 host\$1 adapter\$1 adaptor\$1 controller\$1 port\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:04
S36	16	(S35) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:05
S37	8	("20030204699"   "20040153746"   "5889934"   "6098190"   "6553511"   "6584544").PN. OR ("2003/0221155"   "7036066"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/10 18:16
S20	140	((S10 S11 S12 S13 S14 S15 S16 S17 S18 S19) not (S6)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:21
S5	16	(storage adj area adj network\$3) and (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1))) and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:22

## EAST Search History

S42	91	("20010004354"   "20010025315"   "4366538"   "4991133"   "5056058"   "5058110"   "5097442"   "5163131"   "5212778"   "5280477"   "5289580"   "5303344"   "5412782"   "5448566"   "5485579"   "5506966"   "5511169"   "5517668"   "5548730"   "5566170"   "5588121"   "5590328"   "5592622"   "5598410"   "5629933"   "5634099"   "5634127"   "5642482"   "5664114"   "5671355"   "5678060"   "5692130"   "5699317"   "5701434"   "5701516"   "5749095"   "5751715"   "5752078"   "5758084"   "5758089"   "5758186"   "5758194"   "5771349"   "5790804"   "5794061"   "5802580"   "5809328"   "5812775"   "5815646"   "5878225"   "5913028"   "5920705"   "5930830"   "5931918"   "5935205"   "5937169"   "5941969"   "5941972"   "5950203"   "5991299"   "5996024"   "6005849"   "6009478"   "6016513"   "6021446"   "6026452"   "6034963"   "6044438"   "6047356"   "6057863"   "6061368"   "6065096"   "6141705"   "6151297"   "6173333"   "6226680"   "6246683"   "6247060"   "6314525"   "6345301"   "6356951"   "6389468"   "6427169"   "6427171"   "6427173"   "6434651"   "6449656"   "6453360"   "6512774"   "6567377"   "6587438").PN. OR ("6938092"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/10 18:36
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## EAST Search History

S43	2	(host adj bus adj adapt\$3) same (port\$1 near3 (fail-over\$1 fails-over failover\$1 (fail\$3 adj over\$1))) and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:37
S40	2	(host adj bus adj adapt\$3) same (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1))) and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:37
S39	11	(host adj bus adj adapt\$3) and (port\$1 near3 (fail-over\$1 failover\$1 (fail\$3 adj over\$1))) and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:37
S44	11	(host adj bus adj adapt\$3) and (port\$1 near3 (fail-over\$1 fails-over\$1 failover\$1 (fail\$3 adj over\$1))) and (@ad<="20020802" @pd<="20020802" @rlad<="20020802" @prad<="20020802")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:50
S45	59	(host adj bus adj adapt\$3) and (port\$1 near3 (redundan\$2 backup\$1 back-up\$1 (back\$3 adj up\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:51
S47	2	(S46) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:55
S46	8	(host adj bus adj adapt\$3) same (port\$1 near3 (redundan\$2 backup\$1 back-up\$1 (back\$3 adj up\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:55
S41	11	(S39) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 18:55



## EAST Search History

S49	0	("2003/0031163").URPN.	USPAT	OR	OFF	2006/06/10 19:06
S51	1	("20040054866").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 19:07
S50	13	((("6625747") or ("6314525") or ("6578158") or ("5918021") or ("20020161871") or ("20020169842") or ("6434620") or ("6594227") or ("6711574") or ("6393483") or ("20020083174") or ("20030126315") or ("20030200477")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 19:07
S53	1	("20020007445").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 19:08
S52	2	((("20020040411") or ("6490632")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/10 19:08
S38	189	((S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S27 S37) not (S6)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/10 19:08
L20	0	("2002/0040411").URPN.	USPAT	OR	OFF	2006/06/11 11:46
L21	5	("6044444"   "6157962"   "6343324"   "6526521"   "6625747").PN. OR ("6725295").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 11:50
L23	1	("2003/0140191").URPN.	USPAT	OR	OFF	2006/06/11 11:58
L22	3	("5485460"   "5553281"   "5655148").PN. OR ("6779064").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 11:58
L25	7	((("6658590") or ("6898730") or ("6606683") or ("6883065") or ("6823477") or ("6820173")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:11
L24	2	("2003/0126315").URPN.	USPAT	OR	OFF	2006/06/11 12:11
L27	3	((("6625747") or ("6578158") or ("6061750")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:12



## EAST Search History

L26	1	("6944133").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:12
L29	8	((("6601187") or ("5944838") or ("6253288") or ("6578158") or ("6578100") or ("6625750") or ("6574687") or ("6085333")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:13
S54	204	((S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S27 S37 S49 S50 S51 S52 S53) not (S6)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 12:31
L47	1	("20020007445").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L46	2	((("20020040411") or ("6490632")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L45	1	("20040054866").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L44	13	((("6625747") or ("6314525") or ("6578158") or ("5918021") or ("20020161871") or ("20020169842") or ("6434620") or ("6594227") or ("6711574") or ("6393483") or ("20020083174") or ("20030126315") or ("20030200477")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L43	0	("2003/0031163").URPN.	USPAT	OR	OFF	2006/06/11 12:32
L42	8	("20030204699"   "20040153746"   "5889934"   "6098190"   "6553511"   "6584544").PN. OR ("2003/0221155"   "7036066"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 12:32

## EAST Search History

L41	44	("20010011304"   "20010052016"   "20020073354"   "20020120660"   "20020152310"   "20020152322"   "20020188711"   "20030191810"   "20040133634"   "5113519"   "5163131"   "5355453"   "5432907"   "5485579"   "5513314"   "5592611"   "5802366"   "5819292"   "5835720"   "5931918"   "5941972"   "5948110"   "5950225"   "5963962"   "6006259"   "6038570"   "6065037"   "6108300"   "6138126"   "6167446"   "6243825"   "6247057"   "6289356"   "6425035"   "6434627"   "6453426"   "6457130"   "6609213"   "6625750"   "6665304"   "6732186").PN. OR ("2003/0018927"   "6944785").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 12:32
L40	7	((("4095094") or ("4885683") or ("5185745") or ("5504882") or ("6473868") or ("6578158") or ("6636933")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L39	1	("5909427").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L38	8	((("5473599") or ("5790775") or ("5922077") or ("5928367") or ("5975738") or ("6473396") or ("6513554") or ("6571355")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L37	7	((("6073209") or ("6128750") or ("6397356") or ("6421711") or ("6643795") or ("6654769") or ("6658478")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L36	10	((("5155845") or ("5216619") or ("5544347") or ("5633999") or ("5668943") or ("6101508") or ("6389432") or ("6400730") or ("6535518") or ("6564336")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L35	5	((("5790775") or ("6128750") or ("6449731") or ("6519671") or ("6563595")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32

## EAST Search History

L34	6	((("20030140191") or ("6954881") or ("6925528") or ("6877044") or ("6779064") or ("6625747")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L33	24	("4381543"   "5016244"   "5511227"   "5548783"   "5666538"   "5729767"   "5931958"   "5961613"   "5987621"   "5989060"   "5996086"   "6006259"   "6070251"   "6108684"   "6148414"   "6343324"   "6460113").PN. OR ("6625747").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 12:32
L32	65	("4339804"   "4958273"   "5155835"   "5155845"   "5193154"   "5195100"   "5204952"   "5212784"   "5237658"   "5255367"   "5274645"   "5278838"   "5287462"   "5289418"   "5297258"   "5361347"   "5418921"   "5437022"   "5459857"   "5495570"   "5546539"   "5574863"   "5682471"   "5699510").PN. OR ("5928367").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 12:32
L31	25	("5237658"   "5274645"   "5367669"   "5553230"   "5757642"   "5790775"   "5812754"   "5922077"   "6129027"   "6219753"   "6330687").PN. OR ("6578158").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/11 12:32
L30	11	((("5790775") or ("5928367") or ("6006342") or ("6061750") or ("6128750") or ("6148414") or ("6247142") or ("6449731") or ("6578158") or ("6625747") or ("6643795")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/11 12:32
L53	719	(370/228).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 12:51
L51	756	(714/43).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 12:51

## EAST Search History

L50	676	(714/42).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 12:51
L49	925	(714/5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 12:51
L54	177	(49 50 51 53) and (((host\$1) near2 (adapter\$1 adaptor\$1)) (intelligent adj (nic (network\$3 adj interfac\$3 adj connect\$3))) inic. u/c. hba.u/c.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 13:00
L48	21	((20 21 22 23 24 25 26 27 29) not (L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L30)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 13:05
L55	809	49 and (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) redundan\$2 switchover switch-over (switch\$3 adj over) sparing primary secondary swap\$4 backup (back\$3 adj up) back-up\$1 standby stand-by (stand\$3 adj by) fallback (fall\$3 adj back) fall-back changeover change-over (chang\$3 adj over) alternate\$1 alternative\$1 auxiliary reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 13:39
L56	652	(55 not (20 21 22 23 24 25 26 27 29 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L30)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 13:43
L61	134	(714/9).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 13:55

## EAST Search History

L60	519	(58 not (55 20 21 22 23 24 25 26 27 29 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L30)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 14:20
L66	187	53 and (storage\$1 array\$1 raid san (storage adj area adj netowrk\$3) nas (network adj attached adj storage\$1) disk\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 14:28
L62	82	(61 not (58 55 20 21 22 23 24 25 26 27 29 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L30)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 14:28
L58	567	51 and (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) redundan\$2 switchover switch-over (switch\$3 adj over) sparing primary secondary swap\$4 backup (back\$3 adj up) back-up\$1 standby stand-by (stand\$3 adj by) fallback (fall\$3 adj back) fall-back changeover change-over (chang\$3 adj over) alternates\$1 alternatives\$1 auxiliary reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:11
L73	1	(70 and 72) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:12

## EAST Search History

L72	33	(US-20060090094-\$ or US-20030172331-\$ or US-20010047400-\$ or US-20050246393-\$ or US-20030018927-\$ or US-20030221155-\$ or US-20040078632-\$ or US-20020040411-\$ or US-20030140191-\$ or US-20030126315-\$).did. or (US-6381218-\$ or US-6148414-\$ or US-6578158-\$ or US-5790775-\$ or US-5928367-\$ or US-6625747-\$ or US-6715098-\$ or US-6952737-\$ or US-6944785-\$ or US-6563618-\$ or US-7036066-\$ or US-6938092-\$ or US-7055056-\$ or US-6434620-\$ or US-6725295-\$ or US-5016244-\$ or US-6779064-\$ or US-6898730-\$ or US-5944838-\$ or US-6598106-\$ or US-6341356-\$).did. or (WO-2004013719-\$).did. or (WO-2004013719-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/06/11 16:12
L67	172	(66 not (61 58 55 20 21 22 23 24 25 26 27 29 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L30)) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:12
L74	44	((command\$1 request\$1) near3 (invalid\$6)) same ((controller\$1) with (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) redundan\$2 switchover switch-over (switch\$3 adj over) sparing primary secondary swap\$4 backup (back\$3 adj up) back-up\$1 standby stand-by (stand\$3 adj by) fallback (fall\$3 adj back) fall-back changeover change-over (chang\$3 adj over) alternate\$1 alternative\$1 auxiliary reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:15



## EAST Search History

L70	59	((command\$1 request\$1) near3 (cancel\$7)) same ((controller\$1) with (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) redundan\$2 switchover switch-over (switch\$3 adj over) sparing primary secondary swap\$4 backup (back\$3 adj up) back-up\$1 standby stand-by (stand\$3 adj by) fallback (fall\$3 adj back) fall-back changeover change-over (chang\$3 adj over) alternate\$1 alternative\$1 auxiliary reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:15
L75	47	((command\$1 request\$1) near3 (invalid\$6 nullif\$7)) same ((controller\$1) with (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) redundan\$2 switchover switch-over (switch\$3 adj over) sparing primary secondary swap\$4 backup (back\$3 adj up) back-up\$1 standby stand-by (stand\$3 adj by) fallback (fall\$3 adj back) fall-back changeover change-over (chang\$3 adj over) alternate\$1 alternative\$1 auxiliary reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:16
L76	76	((command\$1 request\$1) near3 (invalid\$6 nullif\$7 repudiat\$4 abort\$4)) same ((controller\$1) with (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) redundan\$2 switchover switch-over (switch\$3 adj over) sparing primary secondary swap\$4 backup (back\$3 adj up) back-up\$1 standby stand-by (stand\$3 adj by) fallback (fall\$3 adj back) fall-back changeover change-over (chang\$3 adj over) alternate\$1 alternative\$1 auxiliary reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:18

## EAST Search History

L78	33	((command\$1 request\$1) near3 (cancel\$7 invalid\$6 nullif\$7 repudiat\$4 abort\$4)) same ((controller\$1) with (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) switchover switch-over (switch\$3 adj over) sparing changeover change-over (chang\$3 adj over) reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:19
L77	12	((command\$1 request\$1) near3 (invalid\$6 nullif\$7 repudiat\$4 abort\$4)) same ((controller\$1) with (fail-over failover\$1 fails-over\$1 (fail\$3 adj over) switchover switch-over (switch\$3 adj over) sparing changeover change-over (chang\$3 adj over) reassign\$3 takeover\$1 (tak\$3 adj over\$1) take-over\$1 reserve\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:19
L71	48	(70) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:20
L79	31	(78) and (@ad<="20030703" @pd<="20030703" @rlad<="20030703" @prad<="20030703")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/11 16:21